

### **Amendments to the Claims**

Please **add** claims 78-81 as follows. This listing of the claims will replace all prior versions, and listings, of the claims in this application.

1-21. (Canceled)

22. (Previously presented) A medical device for the use in diagnosis and/or treatment of cardiovascular disease in the human body comprising:

a catheter having a proximal catheter end and a distal catheter end and defining a lumen extending from the distal catheter end towards the proximal catheter end, the catheter adapted for use in diagnosis and/or treatment of cardiovascular disease in the human body;

an expandable and contractible, vessel-occluding element positionable near the distal catheter end and placeable in radially expanded and contracted states;

the expandable and contractible, vessel-occluding element comprising a braided element and a membrane contacting the braided element so that the braided element is substantially impermeable when in the radially expanded state; and

the expandable and contractible element having a funnel-shaped surface, when in the radially expanded state, and having a longitudinally-extending opening to permit material to pass therethrough for receipt of material.

23. (Previously presented) The medical device according to claim 22 further comprising a second expandable and contractible element positionable at and extendable from the catheter distal end.

24. (Previously presented) The medical device according to claim 23 wherein the second expandable and contractible element comprises a balloon.

25-74. (Canceled)

75. (Previously presented) A medical device for the use in diagnosis and/or treatment of cardiovascular disease in the human body comprising:

a catheter having a proximal catheter end and a distal catheter end and defining a lumen extending from the distal catheter end towards the proximal catheter end, the catheter adapted for use in diagnosis and/or treatment of cardiovascular disease in the human body;

an expandable and contractible, vessel-occluding element positionable near the distal catheter end and placeable in radially expanded and contracted states;

the expandable and contractible, vessel-occluding element comprising a braided element and a membrane contacting the braided element so that the braided element is substantially impermeable when in the radially expanded state; and

the expandable and contractible element having a longitudinally-extending opening, when in the radially expanded state, to permit material to pass therethrough for receipt of material.

76. (Previously presented) The medical device according to claim 75 further comprising a second expandable and contractible element positionable at and extendable from the catheter distal end.

77. (Previously presented) The medical device according to claim 76 wherein the second expandable and contractible element comprises a balloon.

78. (New) The medical device according to claim 75 further comprising a second expandable and contractible, vessel-occluding element positionable at and extendable from the catheter distal end and placeable in a collapsed state and in an expanded, vessel-occluding state.

79. (New) The medical device according to claim 78 wherein the second expandable and contractible element comprises a balloon.

80. (New) The medical device according to claim 22 further comprising a second expandable and contractible, vessel-occluding element positionable at and extendable from the catheter distal end and placeable in a collapsed state and in an expanded, vessel-occluding state.

81. (New) The medical device according to claim 80 wherein the second expandable and contractible element comprises a balloon.